

WHAT IS CLAIMED IS:

1. An image processing device comprising:

image data input means for inputting image data;

image data storage means for storing the image data;

image data confirmation means for confirming characteristics of the image data; and

management table means for managing the characteristics of each image data confirmed by said image data confirmation means as management information of image data, with reference to the corresponding image data stored in said image data storage means.

2. The image processing device as set forth in claim 1, further comprising:

image processing means for performing image processing with respect to the image data; and

mode setting means for setting a processing mode of said image processing means

3. The image processing device as set forth in claim 2,

wherein said management table means further includes a mode management section for managing a

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processing mode set by said mode setting means as management information of each image data, with reference to the corresponding image data stored in said image data storage means.

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4. The image processing device as set forth in claim 3,

wherein said image processing means further includes a first management processing section for performing the image processing with respect to the image data, according to the management information managed by said management table means.

5. The image processing device as set forth in claim 4, further comprising second image data storage means for storing the image data processed by said image processing means,

wherein said management table means further includes a second management processing section for managing each image data stored in said second image data storage means in connection with the corresponding management information.

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6. The image processing device as set forth in claim 5, further comprising image output means for

outputting the image data processed by said image processing means,

wherein said management table means further includes a management output section for outputting, the image data from said image output means, according to the management information.

7. The image processing device as set forth in claim 6,

wherein said management table means produces at least one table selected from the group consisting of:

an image input table for managing information relating to image data and processing conditions for each inputted image data;

an image process table for managing, for each image data, contents of the image processing to be performed with respect to the image data and information relating to the image data that has undergone the image processing; and

an image output table for managing information relating to output of each image data that has undergone the image processing.

8. The image processing device as set forth in claim 7,

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wherein said image input table includes at least one item of information selected from the group consisting of:

document ID information indicating an identification number for identifying each page of inputted image data;

document side information indicating whether the image data represents an image on a front side or a back side of a document;

document size information indicating a size of the image data;

scaling factor information indicating a scaling factor when the image data is scaled up or down;

read image number information indicating how many image data are inputted through said image data input means to form image data of one page;

input request information indicating whether a request for transmitting image data has been given from said image processing means; and

input completion information indicating whether the image data is completely inputted through said image data input means.

9. The image processing device as set forth in claim 7,

image ID information indicating an identification number for identifying each page of the inputted image data;

process ID information indicating a location in said second image data storage means where processed image data is stored; and

[illegible]

wherein said image output table includes at least one item of information selected from the group consisting of:

sheet side information indicating whether the

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print size information indicating a size of a
sheet on which the image data is to be recorded;
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print number information indicating a number of
image data to be outputted;
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output request information indicating whether the image data is requested by said image output means;

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        output completion information indicating whether
the processed image data has been outputted as
instructed;

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memory release information indicating whether clearance of the processed image data from said second image data storage means is permitted; and

output ID information indicating a location in said second image data storage means where final image data to be outputted is stored.

11. The image processing device as set forth in claim 1,

wherein the image data is image data of a document image, and

said image data input means is document image reading means for reading the document image.

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12. The image processing device as set forth in claim 1,

wherein the image data is image data for use in a computer, and

said image data input means is interface means for receiving data from the computer.

13. The image processing device as set forth in claim 1,

wherein the image data is image data for use in a facsimile machine, and

said image data input means is facsimile interface means for receiving data from the facsimile machine.

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